

## Appendix E

### Outages by Cause Codes Total Outages (Events):

CMP

<b>Equipment Failures:</b>	<b>Year</b>	<b>CMP</b>
Post exclusions:	1996	494
	1997	475
	1998	535
	1999	489
	2000	423
	2001	479
	2002	555
	2003	678

<b>Tree Contact:</b>	<b>Year</b>	<b>CMP</b>
Post exclusions:	1996	2768
	1997	1831
	1998	2522
	1999	2250
	2000	1589
	2001	1597
	2002	2297
	2003	2282

<b>Weather Related:</b>	<b>Year</b>	<b>CMP</b>
Post Exclusions:	1996	455
	1997	401
	1998	278
	1999	254
	2000	197
	2001	351
	2002	418
	2003	231

<b>Animal Contact:</b>	<b>Year</b>	<b>CMP</b>
Post Exclusions:	1996	692
	1997	1244
	1998	1066
	1999	1034
	2000	941
	2001	1823
	2002	1756
	2003	1697

## Appendix E

<b>Unknowns/Other:</b>	<b>Year</b>	<b>CMP</b>
Post Exclusions:		
	1996	842
	1997	1098
	1998	1041
	1999	1089
	2000	1014
	2001	1900
	2002	1879
	2003	2192

<b>All Categories included:</b>	<b>Year</b>	<b>CMP</b>
Post exclusions:		
	1996	5690
	1997	5456
	1998	5892
	1999	5528
	2000	4702
	2001	6635
	2002	7481
	2003	7756

<b><u>Tree/Weather/Unknowns/Combined:</u></b>	<b>Year</b>	<b>CMP</b>
Post exclusions:		
	1996	4065
	1997	3352
	1998	3841
	1999	3593
	2000	2800
	2001	3848
	2002	4594
	2003	4705